

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/575,977
Source: 1FWP
Date Processed by STIC: 4/27/06

ENTERED



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/575,977

DATE: 04/27/2006

TIME: 07:19:20

Input Set : A:\SeqListing.txt

Output Set: N:\CRF4\04272006\J575977.raw

```

3 <110> APPLICANT: IMCLONE SYSTEMS INCORPORATED
5 <120> TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR RECEPTOR-1 INHIBITORS AND
6   METHODS OF TREATMENT THEREOF
8 <130> FILE REFERENCE: 11245-52302
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/575,977
C--> 11 <141> CURRENT FILING DATE: 2006-04-13
13 <150> PRIOR APPLICATION NUMBER: PCT/US04/034970
14 <151> PRIOR FILING DATE: 2004-10-18
16 <150> PRIOR APPLICATION NUMBER: 60/512,255
17 <151> PRIOR FILING DATE: 2003-10-16
19 <160> NUMBER OF SEQ ID NOS: 48
21 <170> SOFTWARE: PatentIn Ver. 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 5
25 <212> TYPE: PRT
26 <213> ORGANISM: Homo sapiens
28 <400> SEQUENCE: 1
29 Asp Tyr Tyr Met His
30   1               5
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 17
35 <212> TYPE: PRT
36 <213> ORGANISM: Homo sapiens
38 <400> SEQUENCE: 2
39 Leu Val Asp Pro Glu Asp Gly Glu Thr Ile Tyr Ala Glu Lys Phe Gln
40   1               5               10               15
42 Gly
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 6
48 <212> TYPE: PRT
49 <213> ORGANISM: Homo sapiens
51 <400> SEQUENCE: 3
52 Asp Asp Tyr Met Asp Val
53   1               5
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 12
58 <212> TYPE: PRT
59 <213> ORGANISM: Homo sapiens
61 <400> SEQUENCE: 4
62 Arg Ala Ser Gln Ser Val Ser Gly Ser Ala Leu Ala
63   1               5               10
66 <210> SEQ ID NO: 5
67 <211> LENGTH: 7

```

RAW SEQUENCE LISTING

DATE: 04/27/2006

PATENT APPLICATION: US/10/575,977

TIME: 07:19:20

Input Set : A:\SeqListing.txt

Output Set: N:\CRF4\04272006\J575977.raw

```

68 <212> TYPE: PRT
69 <213> ORGANISM: Homo sapiens
71 <400> SEQUENCE: 5
72 Asp Ala Ser Ser Arg Ala Thr
73   1                               5
76 <210> SEQ ID NO: 6
77 <211> LENGTH: 9
78 <212> TYPE: PRT
79 <213> ORGANISM: Homo sapiens
81 <400> SEQUENCE: 6
82 Gln Gln Tyr Gly Ser Ser Pro Leu Thr
83   1                               5
86 <210> SEQ ID NO: 7
87 <211> LENGTH: 123
88 <212> TYPE: PRT
89 <213> ORGANISM: Homo sapiens
91 <400> SEQUENCE: 7
92 Met Ala Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro
93   1                               5                10                15
95 Gly Ala Ser Val Lys Val Ser Cys Lys Val Ser Gly Tyr Thr Phe Thr
96                20                25                30
98 Asp Tyr Tyr Met His Trp Val Gln Gln Ala Pro Gly Lys Gly Leu Glu
99                35                40                45
101 Trp Met Gly Leu Val Asp Pro Glu Asp Gly Glu Thr Ile Tyr Ala Glu
102                50                55                60
104 Lys Phe Gln Gly Arg Val Thr Ile Thr Ala Asp Thr Ser Thr Asp Thr
105   65                70                75                80
107 Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr
108                85                90                95
110 Tyr Cys Ala Arg Asp Asp Tyr Met Asp Val Trp Gly Lys Gly Thr Leu
111                100               105               110
113 Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro
114                115               120
117 <210> SEQ ID NO: 8
118 <211> LENGTH: 153
119 <212> TYPE: PRT
120 <213> ORGANISM: Homo sapiens
122 <400> SEQUENCE: 8
123 Leu Glu Thr Thr Leu Thr Gln Ser Pro Asp Thr Leu Ser Leu Ser Pro
124   1                               5                10                15
126 Gly Glu Gly Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Gly
127                20                25                30
129 Ser Ala Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu
130                35                40                45
132 Leu Ile Tyr Asp Ala Ser Ser Arg Ala Thr Gly Val Pro Asp Arg Phe
133                50                55                60
135 Ser Gly Ser Gly Ser Gly Ala Asp Phe Ser Leu Thr Ile Ser Arg Leu
136   65                70                75                80
138 Glu Pro Glu Asp Phe Ala Val Tyr Ser Cys Gln Gln Tyr Gly Ser Ser

```

RAW SEQUENCE LISTING

DATE: 04/27/2006

PATENT APPLICATION: US/10/575,977

TIME: 07:19:20

Input Set : A:\SeqListing.txt

Output Set: N:\CRF4\04272006\J575977.raw

```

139          85          90          95
141 Pro Leu Thr Phe Gly Pro Gly Thr Lys Val Asp Val Lys Arg Thr Val
142          100          105          110
144 Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys
145          115          120          125
147 Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg
148          130          135          140
150 Glu Ala Lys Val Gln Trp Lys Val Asp
151 145          150
154 <210> SEQ ID NO: 9
155 <211> LENGTH: 5
156 <212> TYPE: PRT
157 <213> ORGANISM: Homo sapiens
159 <400> SEQUENCE: 9
160 Gly Tyr Tyr Met His
161 1          5
164 <210> SEQ ID NO: 10
165 <211> LENGTH: 17
166 <212> TYPE: PRT
167 <213> ORGANISM: Homo sapiens
169 <400> SEQUENCE: 10
170 Arg Ile Ile Pro Ile Leu Gly Ile Ala Asn Tyr Ala Gln Lys Phe Gln
171 1          5          10          15
173 Gly
177 <210> SEQ ID NO: 11
178 <211> LENGTH: 9
179 <212> TYPE: PRT
180 <213> ORGANISM: Homo sapiens
182 <400> SEQUENCE: 11
183 Gly Gly Asp Leu Gly Gly Met Asp Val
184 1          5
187 <210> SEQ ID NO: 12
188 <211> LENGTH: 16
189 <212> TYPE: PRT
190 <213> ORGANISM: Homo sapiens
192 <400> SEQUENCE: 12
193 Arg Ser Ser Gln Ser Leu Arg His Ser Asn Gly Tyr Asn Tyr Leu Asp
194 1          5          10          15
197 <210> SEQ ID NO: 13
198 <211> LENGTH: 7
199 <212> TYPE: PRT
200 <213> ORGANISM: Homo sapiens
202 <400> SEQUENCE: 13
203 Leu Ala Ser Asn Arg Ala Ser
204 1          5
207 <210> SEQ ID NO: 14
208 <211> LENGTH: 9
209 <212> TYPE: PRT
210 <213> ORGANISM: Homo sapiens

```

RAW SEQUENCE LISTING

DATE: 04/27/2006

PATENT APPLICATION: US/10/575,977

TIME: 07:19:20

Input Set : A:\SeqListing.txt

Output Set: N:\CRF4\04272006\J575977.raw

```

212 <400> SEQUENCE: 14
213 Met Gln Ala Leu Gln Ile Pro Pro Thr
214   1               5
217 <210> SEQ ID NO: 15
218 <211> LENGTH: 113
219 <212> TYPE: PRT
220 <213> ORGANISM: Homo sapiens
222 <400> SEQUENCE: 15
223 Met Ala Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro
224   1               5               10               15
226 Gly Ser Ser Val Lys Val Ser Cys Lys Ala Ser Gly Gln Thr Phe Thr
227           20               25               30
229 Gly Tyr Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu
230           35               40               45
232 Trp Met Gly Arg Ile Ile Pro Ile Leu Gly Ile Ala Asn Tyr Ala Gln
233           50               55               60
235 Lys Phe Gln Gly Arg Val Thr Ile Thr Ala Asp Lys Ser Thr Ser Thr
236   65               70               75               80
238 Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr
239           85               90               95
241 Tyr Cys Ala Arg Gly Gly Asp Leu Gly Gly Met Asp Val Trp Gly Gln
242           100              105              110
244 Gly
248 <210> SEQ ID NO: 16
249 <211> LENGTH: 118
250 <212> TYPE: PRT
251 <213> ORGANISM: Homo sapiens
253 <400> SEQUENCE: 16
254 Leu Glu Ile Val Leu Thr Gln Ser Pro Leu Ser Leu Pro Val Thr Pro
255   1               5               10               15
257 Gly Glu Pro Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Arg His
258           20               25               30
260 Ser Asn Gly Tyr Asn Tyr Leu Asp Trp Tyr Leu Gln Lys Pro Gly Gln
261           35               40               45
263 Ser Pro Gln Leu Leu Ile Tyr Leu Ala Ser Asn Arg Ala Ser Gly Val
264           50               55               60
266 Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys
267   65               70               75               80
269 Ile Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr Cys Met Gln
270           85               90               95
272 Ala Leu Gln Ile Pro Pro Thr Phe Gly Pro Gly Thr Lys Val Asp Ile
273           100              105              110
275 Lys Arg Thr Val Ala Ala
276           115
279 <210> SEQ ID NO: 17
280 <211> LENGTH: 5
281 <212> TYPE: PRT
282 <213> ORGANISM: Homo sapiens
284 <400> SEQUENCE: 17

```

RAW SEQUENCE LISTING

DATE: 04/27/2006

PATENT APPLICATION: US/10/575,977

TIME: 07:19:20

Input Set : A:\SeqListing.txt

Output Set: N:\CRF4\04272006\J575977.raw

```

285 Ser Tyr Tyr Trp Ser
286   1           5
289 <210> SEQ ID NO: 18
290 <211> LENGTH: 16
291 <212> TYPE: PRT
292 <213> ORGANISM: Homo sapiens
294 <400> SEQUENCE: 18
295 Tyr Ile Tyr Tyr Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys Ser
296   1           5           10           15
299 <210> SEQ ID NO: 19
300 <211> LENGTH: 16
301 <212> TYPE: PRT
302 <213> ORGANISM: Homo sapiens
304 <400> SEQUENCE: 19
305 Glu Tyr Tyr Tyr Asp Ser Ser Gly Tyr Tyr Phe Tyr Ala Phe Asp Ile
306   1           5           10           15
309 <210> SEQ ID NO: 20
310 <211> LENGTH: 13
311 <212> TYPE: PRT
312 <213> ORGANISM: Homo sapiens
314 <400> SEQUENCE: 20
315 Ser Gly Ser Ser Ser Asn Ile Gly Ser Asn Tyr Val Tyr
316   1           5           10
319 <210> SEQ ID NO: 21
320 <211> LENGTH: 7
321 <212> TYPE: PRT
322 <213> ORGANISM: Homo sapiens
324 <400> SEQUENCE: 21
325 Arg Asn Asn Gln Arg Pro Ser
326   1           5
329 <210> SEQ ID NO: 22
330 <211> LENGTH: 11
331 <212> TYPE: PRT
332 <213> ORGANISM: Homo sapiens
334 <400> SEQUENCE: 22
335 Ala Ala Trp Asp Asp Ser Leu Ser Gly Trp Val
336   1           5           10
339 <210> SEQ ID NO: 23
340 <211> LENGTH: 124
341 <212> TYPE: PRT
342 <213> ORGANISM: Homo sapiens
344 <400> SEQUENCE: 23
345 Gln Val Gln Leu Val Glu Phe Gly Pro Gly Leu Val Lys Pro Ser Glu
346   1           5           10           15
348 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Tyr
349           20           25           30
351 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
352           35           40           45
354 Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/575,977

DATE: 04/27/2006

TIME: 07:19:21

Input Set : A:\SeqListing.txt

Output Set: N:\CRF4\04272006\J575977.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date